UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 5,210,015

Page 1 of 2

DATED

: May 11, 1993

David H. Gelfand, Pamela M. Holland, Randall K. Saiki, and

Robert M. Watson It is certified that error appears in the above-identified patent and that said Letters Patent is hereby

corrected as shown below:

Column 3, line 38, please delete "Tag" and insert therefor -- Taq--.

Column 4, line 37, please delete "=" and insert therefor -----

Column 6, line 14, please delete "Tag" and insert therefor -- Tag--.

Column 6, line 18, please delete "Tag" and insert therefor -- Taq--.

Column 6, line 20, please delete "Tag" and insert therefor -- Taq--.

Column 8, line 39, please delete "Non complementary" and insert therefor

--Non-complementary--.

Column 8, lines 43 and 44, please delete "non complementary" and insert therefor --noncomplementary--.

Column 8, lines 48 and 49, after "encounters" please insert -- this duplex--.

Column 11, line 46, please delete "(Tag)" and insert therefor --(Taq)--.

Column 14, line 10, please delete "Tag" and insert therefor -- Taq--.

Column 14, line 29, please delete "Tag" and insert therefor -- Taq--.

Column 14, line 35, please delete "Tag" and insert therefor -- Taq--.

Column 16, line 42, please delete "Tag" and insert therefor -- Taq--.

Column 16, line 47, please delete "Tag" and insert therefor -- Taq--.

Column 17, line 51, please delete "Tag" and insert therefor -- Taq--.

Column 18, line 52, after "through" please delete "1" and insert therefor --11--.

Column 19, line 61, please delete "Tag" and insert therefor -- Taq--.

Column 20, line 42, please delete "Tag" and insert therefor -- Taq--.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 5,210,015

Page 2 of 2

DATED

: May 11, 1993

INVENTOR(S): David H. Gelfand, Pamela M. Holland, Randall K. Saiki, and

Robert M. Watson It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 20, line 62, please delete "Tag" and insert therefor -- Taq--.

Column 20, line 63, please delete "Tag" and insert therefor -- Taq--.

Column 21, line 38, please delete "Tag" and insert therefor -- Taq--.

Column 21, line 59, please delete "Tag" and insert therefor -- Tag--.

Column 22, line 61, please delete "Tag" and insert therefor -- Tag--.

Column 23, line 63, please delete "Tag" and insert therefor -- Taq--.

Column 24, line 31, please delete "103" and insert therefor -- 103--.

Column 27, Claim 22, line 2, please delete "non complementary" and insert therefor -non-complementary--.

> Signed and Sealed this Nineteenth Day of July, 1994

Attest:

BRUCE LEHMAN

Attesting Officer

Commissioner of Patents and Trademarks